BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK : Construction of RCC culverts at Maruthinagara 16th and 17th cross roads in kempegowda ward no-01.

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Estimate Cost Rs. 4.00 Lakhs Rate	Amount
1	KSRB 2-2 1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1 5m and above in width, in ordinary soil not exceeding 1 5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specifications specification No KBS 2 1(a) / 2 3 5 SR 2018-19								
		Cum							
	Culvert		3	6.75	1.65	1 10	36.75		
							36.75	316.94	11649.00
	Basic Rate Rs	299 00							
	Add Area Weightage @ 6%	17 94							
	Total	316.94							
2	KSRB4 1 3 Providing and laying position plain cement concrete of Mix 1 4 8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0 85 cum and fine aggregtes @ 0 57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications Specifications No KBS 4 1, 4 2 (P12/4 3) SR 2018-19								
	Culvert		3	6.75	1 65	0 15	5 01		
							5.01	5408 12	27105.00
	Basic Rate	5102 00							
	Area Weightage @ 6%	306 12							
	Total	5408.12							
3	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0 69 cum and fine aggregate at 0 43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc completeexcluding cost of steel as per MORTH specification No 1500,1700,2200 Page No 271 Ite mo 37 59 2 SR 2018-19 (wall and bottom thickness 15cm								
		Cum							
	Bottom raft								
	Culvert		3	6.75	1 50	0 15	4 56		
	Side wall								
	Culvert		6	6.75	0 25	0 80	8 10		
							Total 12.66	7070 20	89482.00
	Basic Rate	6670 00							
	Add Area Weightage @ 6%	400 20							
	Total	7070.20							
4	KSRB 4 9 2 providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No TMT bars Fe 500 KBS 4 6 3 Page No 18/ Item No 4 46/ PWD SR 2018-19								
		Tonne							
	for culvert 60kg/cum		1	12 66	60 00		759 38		
	Total						**759.38**		
							0.76	75223 96	**57123.00**
	Basic Rate	70966 00							
	Add Area Weightage @ 6%	4257 96							

Sl. No	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Total	75223.96							
5	Providing precast slab of 250 mm thick including cost of all materials, labour, ...ng,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-								
	-	Sqm							
			3	6.75	1.50		30.38		
							30.38	5418.00	164572.00
	Data rate	5418.00							
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No 133/ Item No 17.1) SR 2018-19								
		Cum							
					Qty Vide Item No 1		36.75	87.56	3218.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							
							Sub total		353149.00
7	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								42377.88
8	DPR and PMC charges 1%								3531.49
8	Miscellaneous and unforeseen charges	Ls							941.63
							Total Ammount Rs.		400000.00

(Rupees Four Lakhs only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka Division
Executive Engineer Zone
Yelahanka Mahanagara Palike
Bruhat Bengaluru Mahanagara Palike
BANGALORE 560064

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Sanction for Rs. 4.00 lakh
Four Lakhs only
is accorded under head P-3443-2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No EE/YNKA/A/13/18-19 Dt. 03-12-18

Executive Engineer

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TECHNICALLY SANCTIONED FOR Rs. 4.00 lacs
Rupees Four Lakh only
Under P-3443-2018-19
Registered as CE (...) ... 19
Subject to conditions contained in enclosed memo E... ...
Dt. ... Estimate Sanctioned
EE/YNK/TS/10/18-19
Dated 03-12-18 ... Rs. 4.00 lacs

Executive Engineer